BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 19.90Lakhs

Name of Work: Detailed Estimate for the Work of Construction of Anganawadi Building at Kodigehalli in Ward No. 8 Kodigehalli sub Division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1: Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. (P5/2.1)	Cum							
	Lowering Levelling		1	16.00	11.00	0.20	35.20		
							35.20	**106.00**	**3731.00**
	Basic Rate	100.00							
	Area Weightage @ 6%	6.00							
	Total	**106.00**							
2	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m. In depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications. Specification. No. KBS 2.1(b) / 2.3.5 (P.5/2.4 PWD SR - 2010-11).	Cum							
	CCL		1	72.76	0.90	0.90	58.94		
	Columns		14	1.20	1.20	1.50	30.24		
	Stair Case Foundation		1	1.50	0.60	0.75	0.68		
	Compound Wall		1	56.00	0.75	0.60	25.20		
	Sump		1	3.30	3.30	2.40	26.14		
							141.19		
	Deductions for Columns Portions(-)		14	1.20	0.90	0.90	13.61		
							127.58	190.80	**24342.00**
	Basic Rate	180.00							
	Area Weightage @ 6%	10.80							
	Total	**190.80**							
3	KSRB 2.8: Providing and Filling in foundation with granite / trap broken metal 10mm. And down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. Complete as per specifications. (P6/2.15)	Cum							
	Columns		14	1.20	1.20	0.25	5.04		
							5.04	1013.36	**5107.00**
	Basic Rate	956.00							
	Area Weightage @ 6%	57.36							
	Total	**1013.36**							

4	KSRRB 2900-4.1: Providing and laying in position plain cement concrete mix 1:4:8 with stone aggregate 40mm and down size in foundation upto a depth of 2m below ground level and upto a height of 1.5m above ground level / bed level machine mixed, concrete laid in layers not exceeding 15cms thick well compacted, cost of all materials, labour, HOM of machineries, curing complete as per specifications. (P.12/4.3)	Cum							
	CCL		1	72.76	0.90	0.15	9.82		
	Columns		14	1.20	1.20	0.15	3.02		
	Stair Case Foundation		1	1.50	0.60	0.15	0.14		
	Compound Wall		1	56.00	0.75	0.15	6.30		
	Sump		1	3.30	3.30	0.15	1.63		
	Anganawadi Building Surroundings		1	15.50	10.00	0.15	23.25		
							44.17		
	Deductions for Columns Portions(-)		14	1.20	0.90	0.15	2.27		
	Building		1	13.90	8.40	0.15	17.51		
	Sump		1	3.15	3.15	0.15	1.49		
							21.27		
	Basic Rate	3101.00							
	Add Diffrence in cost of cement 3.40x40.00=	136.00							
		3237.00					22.89	3431.22	**78556.84**
	Area Weightage @ 6%	194.22							
	Total	3431.22							
5	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation **cement mortar** 1:6 stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specification. KBS 5.1.13 (P.22/5.6)	Cum							
	CCL 1st Footing		1	72.60	0.65	0.40	18.88		
	2nd Footing		1	77.26	0.50	0.45	17.38		
	Compound Wall		1	56.00	0.525	0.45	13.23		
							49.49		
	Deductions for Columns Portions(-) Columns		14	0.45	0.23	0.80	1.16		
			14	0.45	0.23	0.45	0.65		
							1.81		
							47.68	2548.24	**121496.00**
	Basic Rate	2348.00							
	Add Diffrence in cost of cement 1.40x40.00=	56.00							
		2404.00							
	Area Weightage @ 6%	144.24							
	Total	**2548.24**							
6	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (P.22/5.90)	Cum							
	CCL Basement		1	72.26	0.45	0.45	14.63		
	Compound Wall		1	56.00	0.45	0.35	8.82		
							23.45		
	Deductions for Columns Portions(-) Columns		14	0.45		0.45	2.84		
							20.62	3018.88	**62242.00**
	Basic Rate	2792.00							
	Add Diffrence in cost of cement 1.40x40.00=	56.00							

		2848.00							
	Area Weightage @ 6%	170.88							
	Total	3018.88							
7	KSRB 4-1.5: Providing and laying in position plain cement concrete of nominal mix 1:2:4 using 20mm and down size graded granite metal, machine mixed, concrete laid in layers not excedding 15cms. Thick well compacted in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specification.(P12/4.5)	Cum							
	Coping Concrete		1	72.26	0.45	0.10	3.25		
	Compound Wall		1	56.00	0.45	0.10	2.52		
	Solid Black Wall coping		1	56.00	0.20	0.10	1.12		
	Anganawadi Building Surroundings		1	15.50	10.00	0.10	15.50		
							22.39		
	Deductions for Columns Portions(-) Columns		14	0.45	0.23	0.10	0.14		
	Building		1	13.90	8.40	0.10	11.68		
	Sump		1	3.15	3.15	0.10	0.99		
							12.81		
							9.58	**4578.14**	**43851.943**
	Basic Rate	4063.00							
	Add Diffrence in cost of cement 6.40x40.00=	256.00							
		4319.00							
	Area Weightage @6%	259.14							
	Total	**4578.14**							
8	KSRB 15.1.1 Providing flush pointing to coursed stone masonry with **cement mortar 1:3,** 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P 122/I.15.3)	Sqm							
	Outside		2	13.90		0.45	12.51		
			2	8.40		0.45	7.56		
	Compound Wall		2	56.00		0.35	39.20		
							59.27	66.04	**3914.00**
	Basic Rate	61.50							
	Add Diffrence in cost of cement 0.02x40.00=	0.80							
		62.30							
	Area Weightage @ 6%	3.74							
	Total	66.04							
9	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (P.6/2.10 PWD SR - 2010-11).	Cum							
				Qty vide item No.2			**127.58**	85.65	**10927.00**
	Basic Rate	80.80							
	Area Weightage @ 6%	4.85							
	Total	85.65							
10	KSRB 2.6: Prividing and filling sand in foundation upto plinth to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications. (P6/2.13)	Cum							
	Kitchen		1	3.30	3.30	0.30	3.27		
	Varandah		1	6.10	3.00	0.30	5.49		
	Hall		1	6.10	4.85	0.30	8.88		
	Store		1	2.70	2.70	0.30	2.19		
	Staire case		1	4.50	2.70	0.30	3.65		
	Office		1	3.30	2.10	0.30	2.08		

	Toilet		1	3.30	1.20	0.30	1.19		
							26.73	1081.20	**28902.098**
	Basic Rate	1020.00							
	Area Weightage @ 6%	61.20							
	Total	**1081.20**							
11	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of materials, labour complete as per specifications. (P14/4.28)	**Sqm**							
	Footings		14x4	1.05		0.50	29.40		
							29.40	156.88	**4612.272**
	Basic Rate	148.00							
	Area Weightage @ 6%	8.88							
	Total	**156.88**							
12	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square/ rectangular/polygon in plan including cost of all materials, labour complete as per specifications. (P15/4.32)	**Sqm**							
	Ground Floor:- Columns		14	1.35		3.85	72.77		
							72.77	243.80	**17740.107**
	Basic Rate	230.00							
	Area Weightage @ 6%	13.80							
	Total	**243.80**							
13	KSRB 4-6.9: Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor, cills, plinth including cost of all materials, labour complete as per specifications. (P15/4.36)	**Sqm**							
	Plinth		2	72.76		0.30	43.66		
							43.66	491.84	**21471.767**
	Basic Rate	464.00							
	Area Weightage @ 6%	27.84							
	Total	**491.84**							
14	KSRB 4-6.7: Providing and removing centerign, shuttering strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of materials, labour complete as per specifications (P15/4.34)								
	Ground Floor:- Lintel		2	72.76		0.20	29.10		
	Tie Beams		2	72.76		0.30	43.66		
							72.76	169.60	**12340.096**
	Basic Rate	160.00							
	Area Weightage @ 6%	9.60							
	Total	**169.60**							
15	KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification. Specification No: KBS 4.6.2 (P.15/I.4.37)	**Sqm**							
	Ground Floor:- W		4	1.50	0.45		2.70		
							2.70	182.32	**492.264**
	Basic Rate	172.00							
	Area Weightage @ 6%	10.32							
	Total	182.32							

16	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.14/I.4.29)	Sqm							
	Ground Floor:- Roof		1	13.90	9.30		129.27		
	Landing		1	3.30	1.50		4.95		
	First Flight		1	3.90	1.50		5.85		
	Second Flight		1	3.20	1.50		4.80		
	Sump Roof		1	2.75	2.75		7.56		
							152.43	233.20	35547.259
	Basic Rate	220.00							
	Area Weightage @ 6%	13.20							
	Total	233.20							
17	KSRB 4.2.8 : Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for R.C.C beams, columns of all sizes in foundation plinth and superstructure ground floor level for roof slabs, staircase, lintels, columns, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/I.4.17)	Cum							
	A) Ground Floor:- Footing Concrete		14	1.05	1.05	0.50	7.72		
	Columns		14	0.45	0.23	4.15	6.01		
	Plinth		1	72.76	0.23	0.30	5.02		
	Lintel		1	72.76	0.23	0.20	3.35		
	Tie Beams		1	72.76	0.23	0.30	5.02		
	Roof		1	13.90	9.30	0.15	19.39		
	Staire Case Foundation		1	1.50	0.60	0.60	0.54		
	Landing Slab		1	3.30	1.75	0.15	0.87		
	1st Flight		1	3.90	1.50	0.15	0.88		
	2nd Flight		1	3.20	1.50	0.15	0.72		
	Steps		22x1/2	1.50	0.30	0.15	0.74		
	Sump Roof		1	3.15	3.15	0.15	1.49		
							51.74		
	Deductions (-)								
	Plinth		14	0.45	0.23	0.30	0.43		
	Lintel		14	0.45	0.23	0.20	0.29		
							0.72		
	Basic Rate	4539.00					51.02	5150.54	262777.02
	Add Diffrence in cost of cement 8.00x40.00=	320.00							
		4859.00							
	Area Weightage @ 6%	291.54							
	Total	5150.54							
18	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of mix 1:1.5:3 (M20) with 12mm and down size graded granite metal, machine mixed, well compacted for plain chajja of 7.5 cms average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing complete as per specifications. Specification No. KBS 4.1, (P.13/4.19 PWD SR - 2010-11).	Sqm							
	Ground Floor:- D		2	1.50	0.45		1.35		
	W		2	1.80	0.45		1.62		
	W1		3	1.20	0.45		1.62		
							4.59	389.23	1787.00

	Basic Rate	348.00							
	Add Diffrence in cost of cement 0.48x40.00=	19.20							
		367.20							
	Area Weightage @ 6%	22.03							
	Total	**389.23**							
19	Providing and fabricating TMT Steel reinforcement bars including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tieing with binding wire, anchoring to the adjoining members wherever necessary, as per designs (laps, hooks and wastages shall not be measured and paid) including cost of all materials, labour, HOM of machineries complete as per specifications. (P16\4.43)	Qntl							
	(1.00 Qntl/Cum)	Qty Vide Item No 17 & 18					54.59		
							54.59	5108.14	**278853.00**
	Basic Rate	5406.00							
	Area Weightage @ 6%	324.36							
	Total	**5730.36**							
20	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P24/5.27)	Cum							
	A) Ground Floor:-								
	Long Walls		3	13.90	..	3.00	125.10		
	Short Walls		4	4.15	...	3.00	49.80		
			4	3.60	...	3.00	43.20		
			1	1.50	...	2.10	3.15		
	Compound Wall		1	53.00		1.80	95.40		
	Pillars		22	0.20		1.80	7.92		
	Sump		2	3.15		2.40	15.12		
			2	2.75		2.40	13.20		
							352.89		
	Ground Floor Deductions (-)								
	D		2	1.20		2.10	5.04		
	D1		3	0.90		2.10	5.67		
	D2		2	0.75		2.10	3.15		
	W		2	1.50		1.20	3.60		
	W1		3	0.90		1.20	3.24		
	V		1	1.50		0.45	0.68		
	V1		1	0.60		0.45	0.27		
	Lintel		1	77.46		0.20	15.49		
	Tie Beam		1	77.46		0.30	23.24		
	Coloum		14	0.23		3.00	9.66		
	Staire case		1	3.00		2.10	6.30		
							76.34		
	Basic Rate	586.00					**276.56**	**627.52**	**173543.79**
	Add Diffrence in cost of cement 0.15x40.00=	6.00							
		592.00							
	Area Weightage @ 6%	35.52							
	Total	**627.52**							

21	KSRRB 2900-4 : Providing and laying in position plain cement concrete mix 1:3:6 with stone aggregate 40mm and down size in foundation upto a depth of 2m below ground level and upto a height of 1.5m above ground level / bed level machine mixed, concrete laid in layers not exceeding 15cms thick well compacted, cost of all materials, labour, HOM of machineries, curing complete as per specifications. (P.12/4.2)	Cum							
	Kitchen		1	3.30	3.30	0.30	3.27		
	Varandah		1	6.10	3.00	0.30	5.49		
	Hall		1	6.10	4.00	0.30	7.32		
	Store		1	2.70	2.70	0.30	2.19		
	Staire case		1	4.50	2.70	0.30	3.65		
	Office		1	3.30	2.10	0.30	2.08		
	Toilet		1	3.30	1.20	0.30	1.19		
							25.18	3769.36	**94897.41**
	Basic Rate	3380.00							
	Add Diffrence in cost of cement 4.40x40.00=	176.00							
		3556.00							
	Area Weightage @ 6%	213.36							
	Total	**3769.36**							
22	KSRB 14.10-1: Flooring with **25mm to 40mm thick polished tandur blue stone slabs** using cement mortar 1:6, 25mm thick over existing cement concrete bed on top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, , including cost of materials, labour, curing, polishing complete as per specifications. (P.89/14.15)	Sqm							
	Kitchen		1	3.80	3.80		14.44		
	Varandah		1	6.60	3.30		21.78		
	Hall		1	6.60	4.75		31.35		
	Store		1	3.20	3.20		10.24		
	Staire case		1	4.95	3.20		15.84		
	Landing		1	3.20	1.70		5.44		
	First Flight		1	3.90	1.70		6.63		
	Second Flight		1	3.20	1.70		5.44		
	Steps Rise		22	1.50	0.15		4.95		
	Thread		21	1.5	0.30		9.45		
	Office		1	3.80	2.60		9.88		
	Toilet		1	3.80	1.70		6.46		
	Basic Rate	703.00					**141.90**	753.24	**106884**
	Add Diffrence in cost of cement 0.19x40.00=	7.60							
		710.60							
	Area Weightage @ 6%	42.64							
	Total	**753.24**							

23	Supplying and fixing pressed steel door frames size 125x65mm manufactured from 1.25mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and shutters made our of seasoned Honne wood, styles of 30mm, thick with lock rail of 160mm, width, top and side rails of 100mm width and bottom rails of 250mm width and panel filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage warpage and such other defects for a period of 3 years. This shall be as per approved drawings, specification and direction including cost of conveyance manugactureing, painting with enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipement and all other incidental charges with all lead, lift, loading and unloading etc., complete. The Hollow portion of the frame to be filled with cement concrete 1:2:4 (P38/7.26)	Sqm							
	D		2	1.20		2.10	5.04		
	D1		3	0.90		2.10	5.67		
	D2		2	0.75		2.10	3.15		
	Basic Rate	3100.00					**13.86**	**3286.00**	**45544**
	Area Weightage @ 6%	186.00							
	Total	**3286.00**							
24	KSRB 7.7 Providing and fixing in position in cement concrete 1:3:6 steel galzed windows and ventilators side hung-top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm weighing 2.28Jg/m duly providing T section 19x19x3mm weighing 0.839Kg/m for glazing of windows not more than 34cms c to c including providing and fixing 4mm. thick reeded glass to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. (P31/7.7)	Sqm							
	W		2	1.50		1.20	3.60		
	W1		3	0.90		1.20	3.24		
	V		1	1.50		0.45	0.68		
	V1		1	0.60		0.45	0.27		
							7.79	2832.32	**22050.00**
	Basic Rate	2672.00							
	Area Weightage @ 6%	160.32							
	Total	**2832.32**							

25	KSRB 7.1: Providing and fixing in position collapsable steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stopers, handles on borht sides with 7.5cms openings at 10cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications.(P30/7.1)	Sqm							
	Ground Floor:- CG		1	3.00		2.10	6.30		
			1	1.50		2.10	3.15		
							9.45	3265.86	30862.00
	Basic Rate	3081.00							
	Area Weightage @ 6%	184.86							
	Total	3265.86							
26	KSRB15-3-13 Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.98/15.22)	Sqm							
	Kitchen		1	3.60	3.60		12.96		
	Varandah		1	6.40	3.00		19.20		
	Hall		1	6.40	4.75		30.40		
	Store		1	3.00	3.00		9.00		
	Staire case		1	4.75	3.00		14.25		
	Office		1	3.60	2.40		8.64		
	Toilet		1	3.60	1.50		5.40		
	sump		1	2.75	2.75		7.56		
	Basic Rate	110 00					107.41	125.93	13526.24
	Add Diffrence in cost of cement 0 22x40.00=	8.80							
		118.80							
	Area Weightage @ 6%	7.13							
	Total	125.93							
27	KSRB15-3 5 : Providing 15mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.97/15.14)	Sqm							
	Kitchen		2	3.60		3.00	21.60		
			2	3.60		3.00	21.60		
	Varandah		2	6.40		3.00	38.40		
			2	3.00		3.00	18.00		
	Hall		2	6.40		3.00	38.40		
			2	4.75		3.00	28.50		
	Store		2	3.00		3.00	18.00		
			2	3.00		3.00	18.00		
	Staire case		2	4.75		3.00	28.50		
			2	3.00		3.00	18.00		
	Office		2	3.60		3.00	21.60		
			2	2.40		3.00	14.40		
	Toilet		2	3.60		3.00	21.60		
			2	1.50		3.00	9.00		
			2	1.50		2.10	6.30		
	Sump		2	2.75		2.40	13.20		

			2	2.75		2.40	13.20		
							348.30		
	Deductions (-) D		2x1	1.20		2.10	5.04		
	D1		3x2	0.90		2.10	11.34		
	D2		2x2	0.75		2.10	6.30		
	W		2x1	1.50		1.20	3.60		
	W1		3x1	0.90		1.20	3.24		
	V		1x1	1.50		0.45	0.68		
	V1		1x1	0.60		0.45	0.27		
	CG		1x1	3.00		2.10	6.30		
							36.77		
	Basic Rate	102.00					311.54	117.45	36589.16
	Add Diffrence in cost of cement 0.22x40.00=	8.80							
		110.80							
	Area Weightage @ 6%	6.65							
	Total	117.45							
28	KSRB15-7 : Providing 1:me rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (P.99/15.33)	Sqm							
	A) Ground Floor	Qty Vide Item No. 26 + 27					418.95	16.96	7105.00
	Basic Rate	16.00							
	Area Weightage @ 6%	0.96							
	Total	16.96							
29	Providing wall black boards in CM 1:3 with two coats of black paint including finishing etc. complete. (P234/37.30)	Sqm							
			2	3.00	1.20		7.20		
			2	0.90	1.20		2.16		
							9.36	551.20	5159.00
	Basic Rate	520.00							
	Area Weightage @ 6%	31.20							
	Total	551.20							
30	KSRB15-3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry and concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.98/15.19)	Sqm							
	Roof		1	13.90	9.30		129.27		
	Sump		1	3.15	3.15		9.92		
							139.19	165.15	22987.00
	Basic Rate	144.00							
	Add Diffrence in cost of cement 0.22x40.00=	8.80							
	Lift Charges For First Floor	3.00							
		155.80							
	Area Weightage @ 6%	9.35							
	Total	165.15							
31	KSRB 15.3.3 Providing 12mm thick cement plaster in single coat with cement mortar 1:6 to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P97/15.11)	Sqm							
	A) Ground Floor :-		2	13.90	3.75		104.25		
			2	8.40	3.75		63.00		

	Compound Wall		2	53.00	1.80		190.80		
							358.05		
	Deductions (-) D		2x1	1.20		2.10	5.04		
	W		2x1	1.50		1.20	3.60		
	W1		3x1	0.90		1.20	3.24		
	V		1x1	1.50		0.45	0.68		
	V1		1x1	0.60		0.45	0.27		
	CG		1x1	3.00		2.10	6.30		
	Basic Rate	91.70					19.13		
	Add Diffrence in cost of cement 0.22x40.00=	8.80					338.93	106.53	36105.68
		100.50							
	Area Weightage @ 6%	6.03							
	Total	106.53							
32	KSRB 8.6-8: Providing and fixing on wall surface 4.0Kg/Sqcm HDPE rain down water pipes 110mm outer dia. Approved makes and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications. (P42/8.19)	Rmtr							
			4	3.60			14	448.38	6457.00
	Basic Rate	423.00							
	Area Weightage @ 6%	25.38							
	Total	448.38							
33	KSRB 15-14.1: Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.(P101/15.49)	Sqm							
	A) Ground Floor	Qty vide item No 28					418.95	51.94	21760.00
	Basic Rate	49.00							
	Area Weightage @ 6%	2.94							
	Total	51.94							
34	KSRB 15-13.3: Providing and applying two coats dry distemper of approved brand, and shade on wall surface including priming coat and whitening after thoroughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. (P.100/15.47.1)	Sqm							
	A) Ground Floor	Qty Vide Item No. 31					338.93	36.46	12357.00
	Basic Rate	34.40							
	Area Weightage @ 6%	2.06							
	Total	36.46							

35	KSRB 11-2: Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580x440mm with integral type footrests, 100mm S or P trap, 10 litre low level, PVC flushing cistern (all are Approved make) with fitting CI/M.S brackets, 32mm diameter flush pipe fittings and clamps overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required including cost of materials labbour complete as per specifications Specification No. KBS11 Page. 67/ Item 12.2	Pan						
			1			1.00	3386.70	3386.70
	Basic Rate	3195.00						
	Area Weightage @ 6%	191.70						
	Total	3386.70						
36	china clay, flat back wash basin size 660x460mm with a pair of 15mm C.P brass pillar taps with C.I/M.S brackets 32mm C.P. brass waste of standard pattern painting of fittings and brackets, cutting and making good the wall and floor wherever required including cost of materials labour complete as per specifications.	Unit						
			2			2.00	3571.14	7142.28
	Basic Rate	3369.00						
	Area Weightage @ 6%	202.14						
	Total	3571.14						
36	Staire case Grill, Gate and Office Furnichars etc.							120000.00
37	Providing Electrification including wiring switch board etc. completed							60000.00
38	Water Supply and Sanitary Charges							50000.00
39	Dismentaling of Old toilet Builng and Stair Case Grill							60000.00
40	Miscelanious and Unforgen Charges							447.99
	Total							1990000.00

Administrative Sanction for Rs. 19.90 lakhs (Rs. Nineteen lakhs ninety Thousand only) is accorded under head Pav. General ward. WC-1&2 P1771 registered as CE No. 76/11-12/ Subject to Conditions contained in enclosed memo No. / Dt. 21/07/11

AE/JE TA SE (BTP) CE (BTP)

Technical Sanction for Rs. 19.90 lakhs only (Rs. Nineteen lakhs ninety Thousand only) under Pav. General ward Works P1771 registered as CE No. SE/VNC/TA/HB/11-12 to Conditions contained in enclosed memo No. / Dt. 21/07/11

AE/JE TA SE (BTP) CE (BTP)

(Rupees Nineteen Lakh Ninty Thousand Only)

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2010-11
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division
Bangalore.

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division
Bangalore-92